

Figure 1

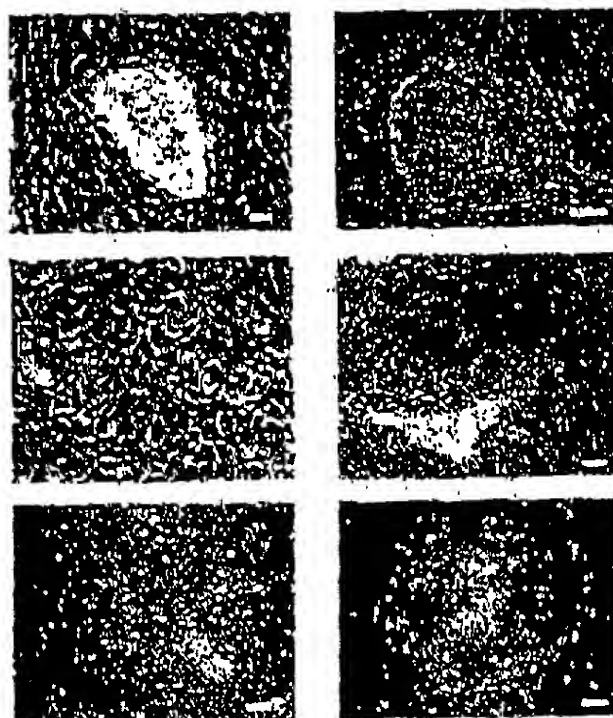


Figure 2

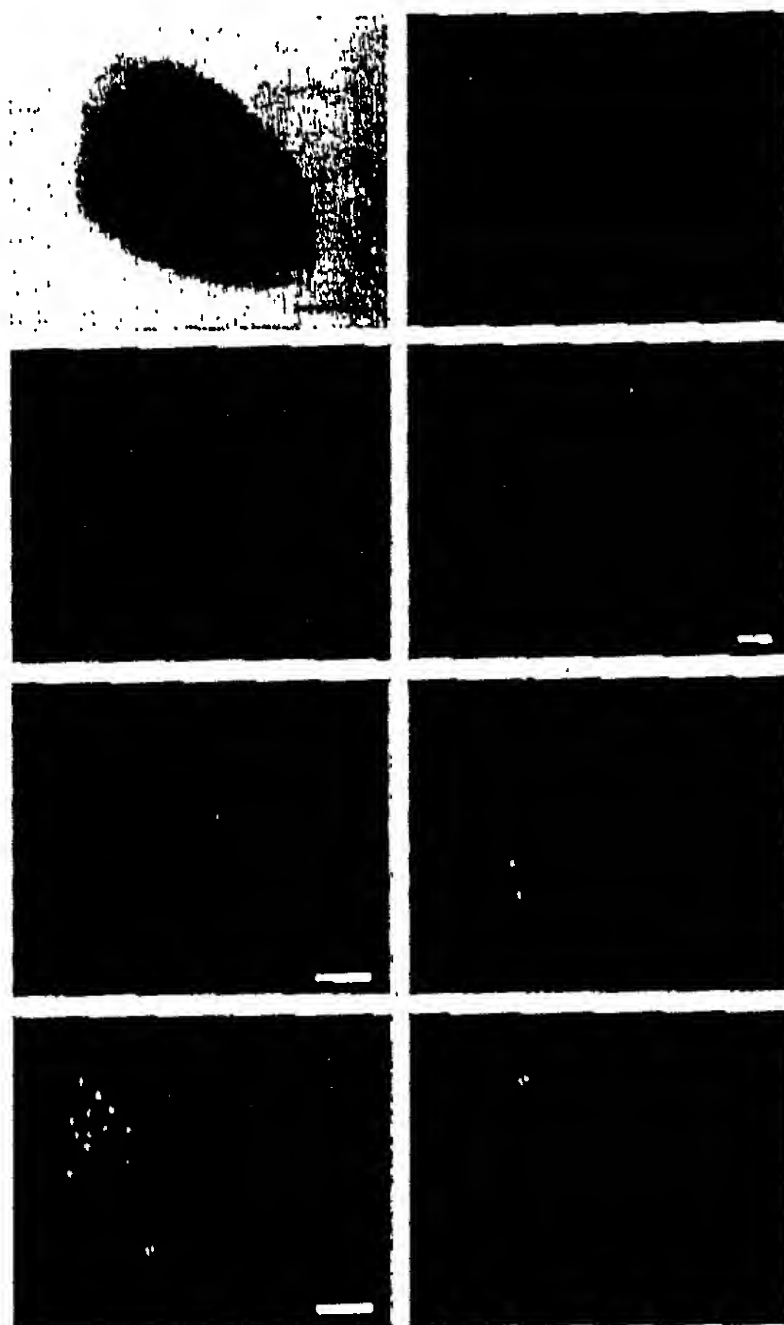


FIGURE 3

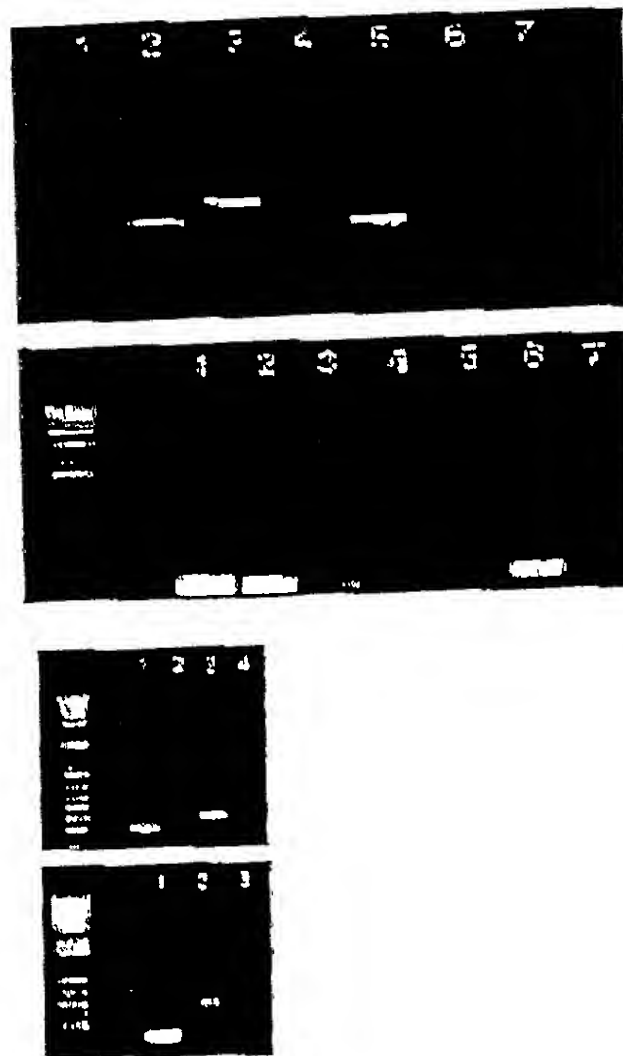


Figure 4

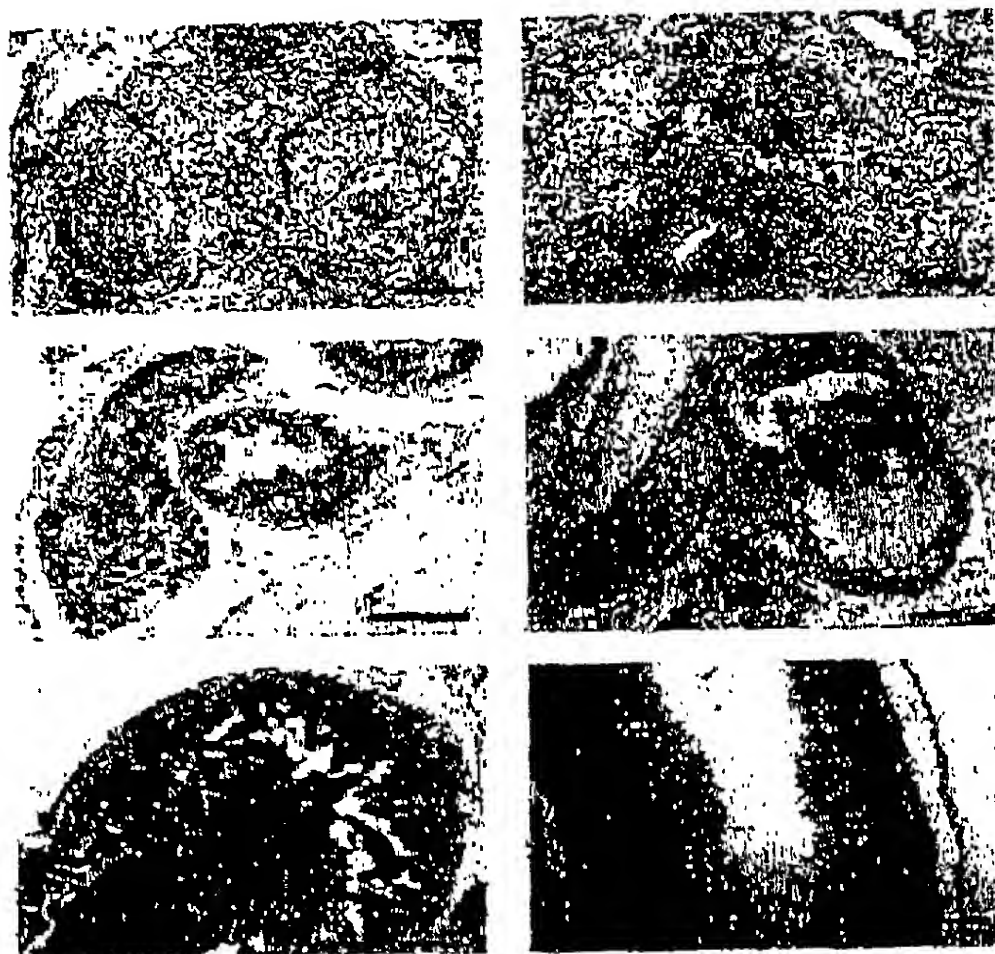


Figure 5

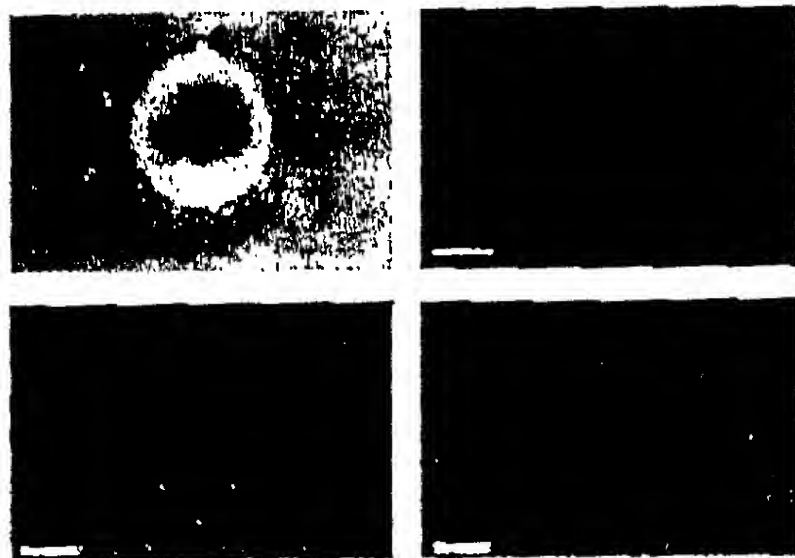


Figure 6

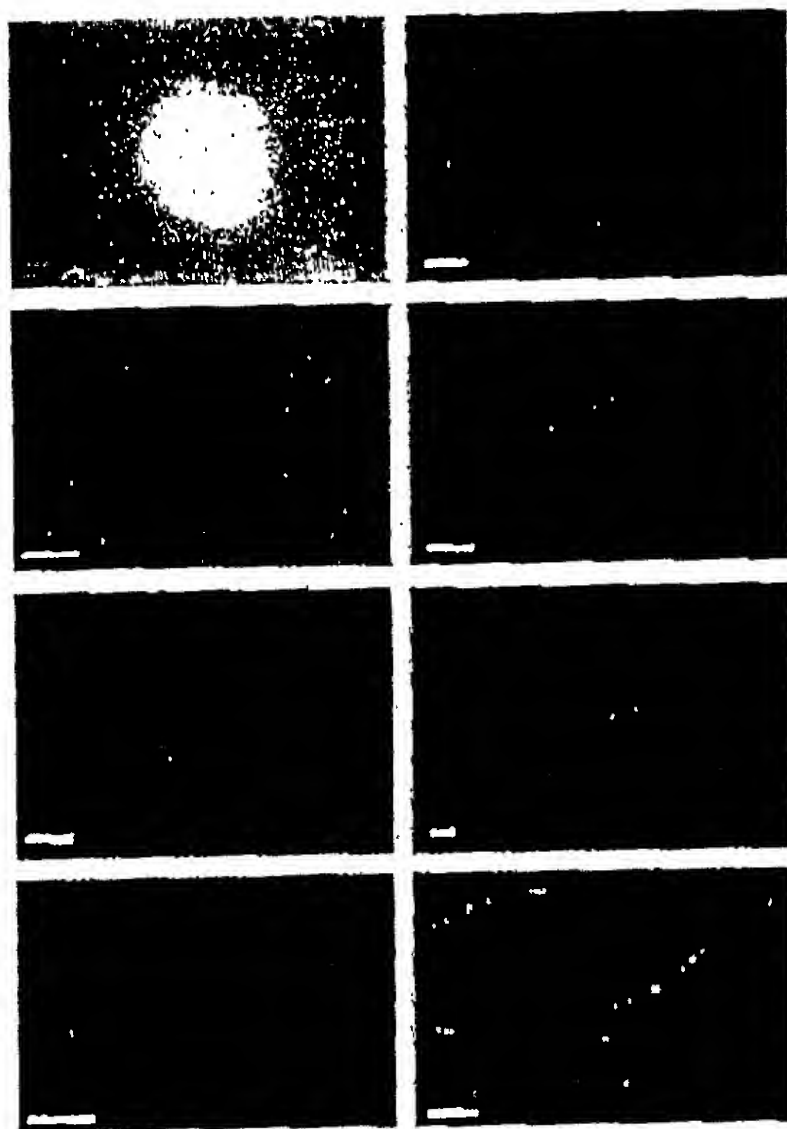
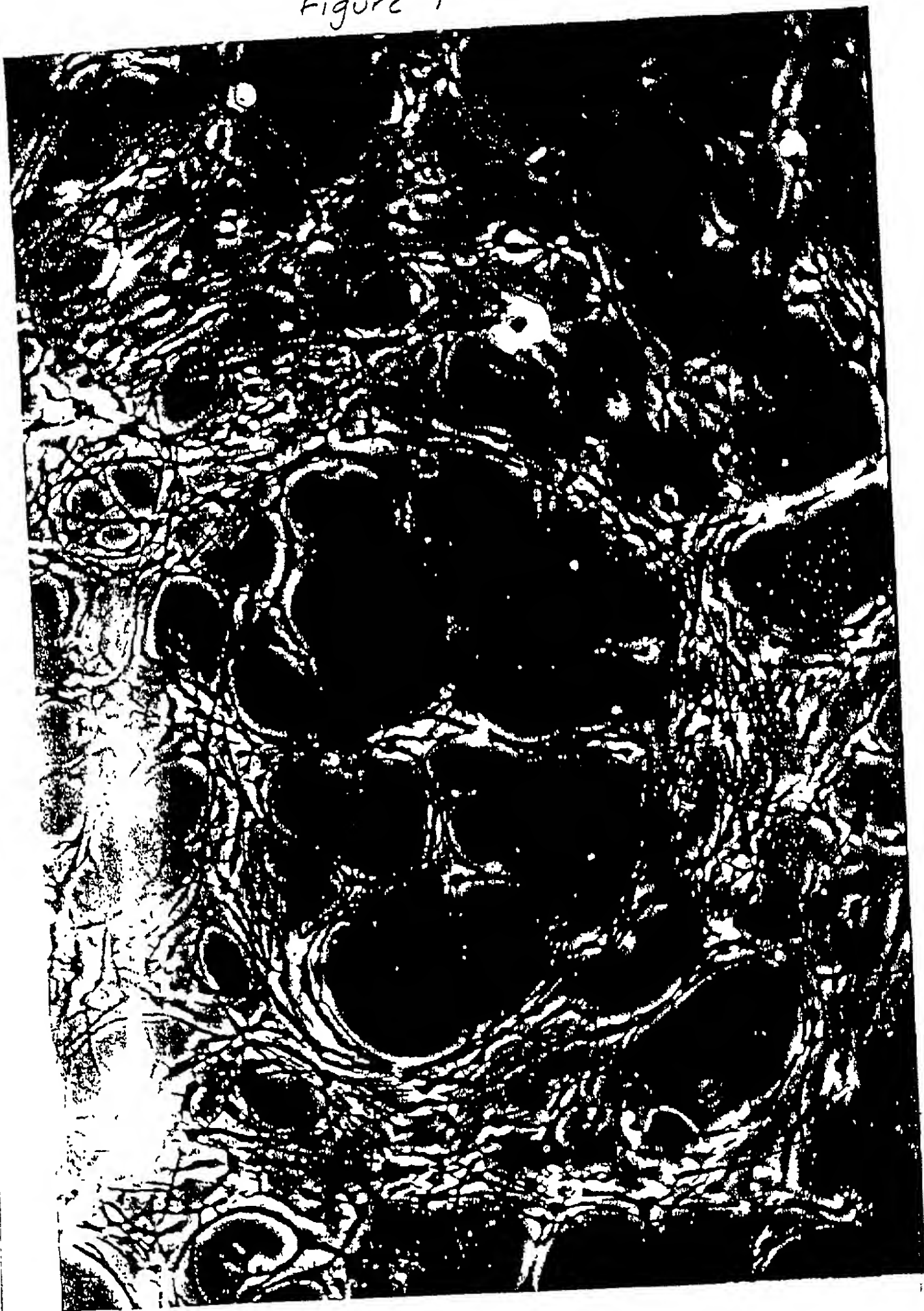
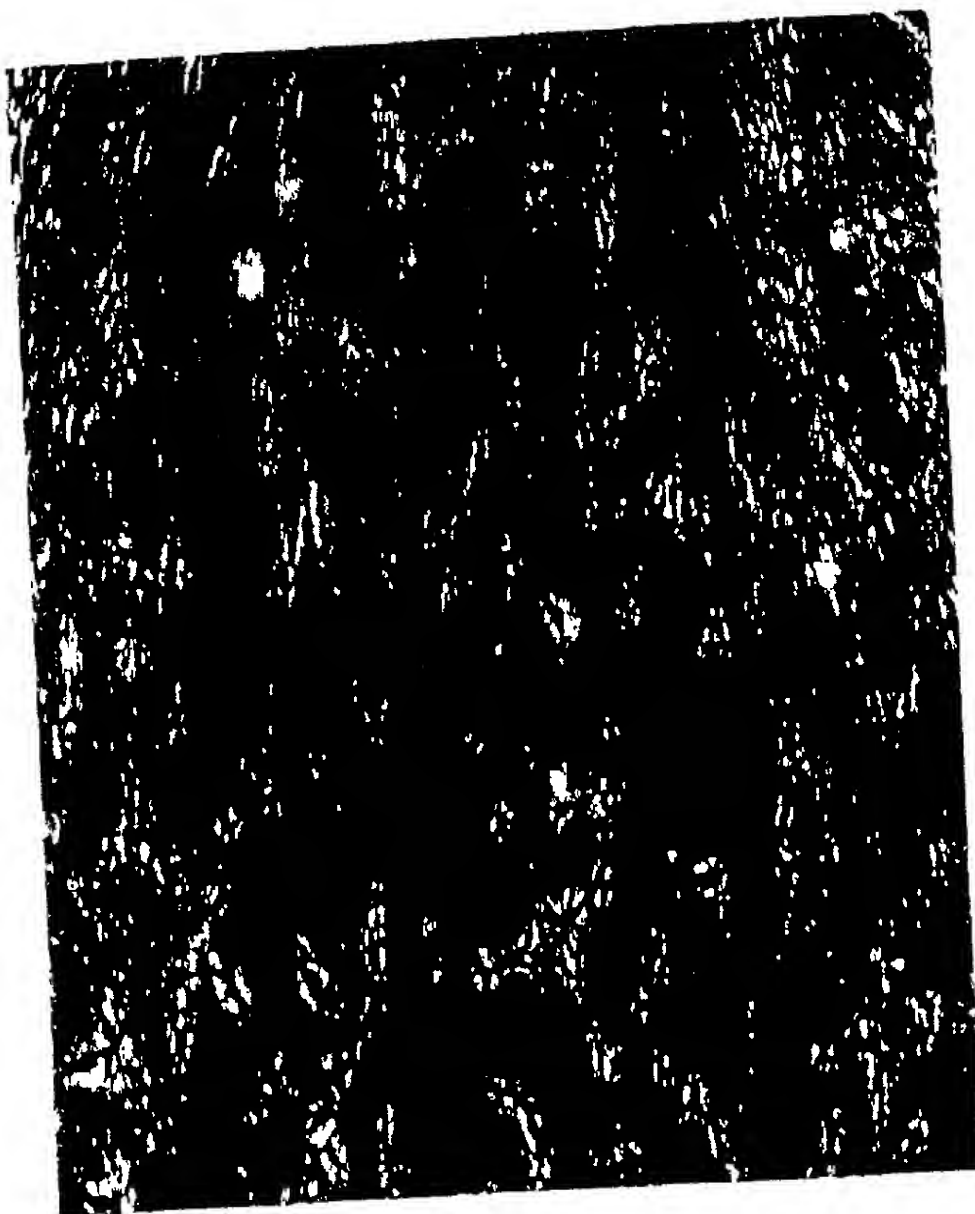


Figure 7



09070543-100401

FIGURE 8



08070543 100400



Figure 9:

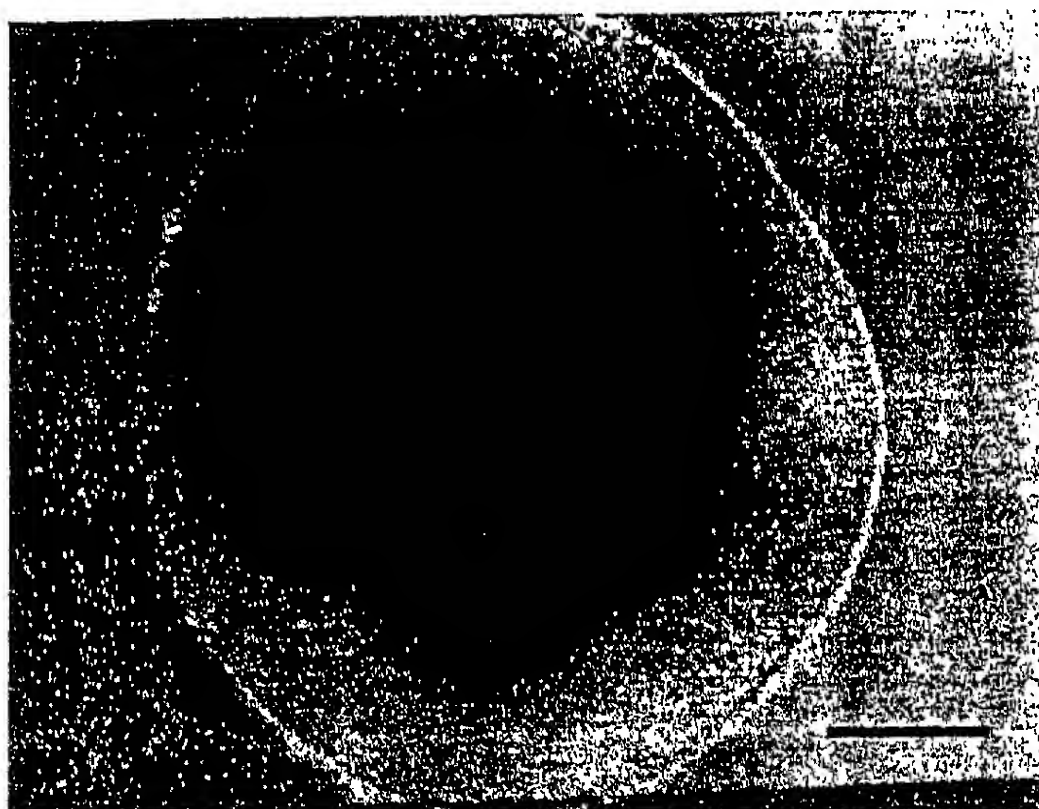
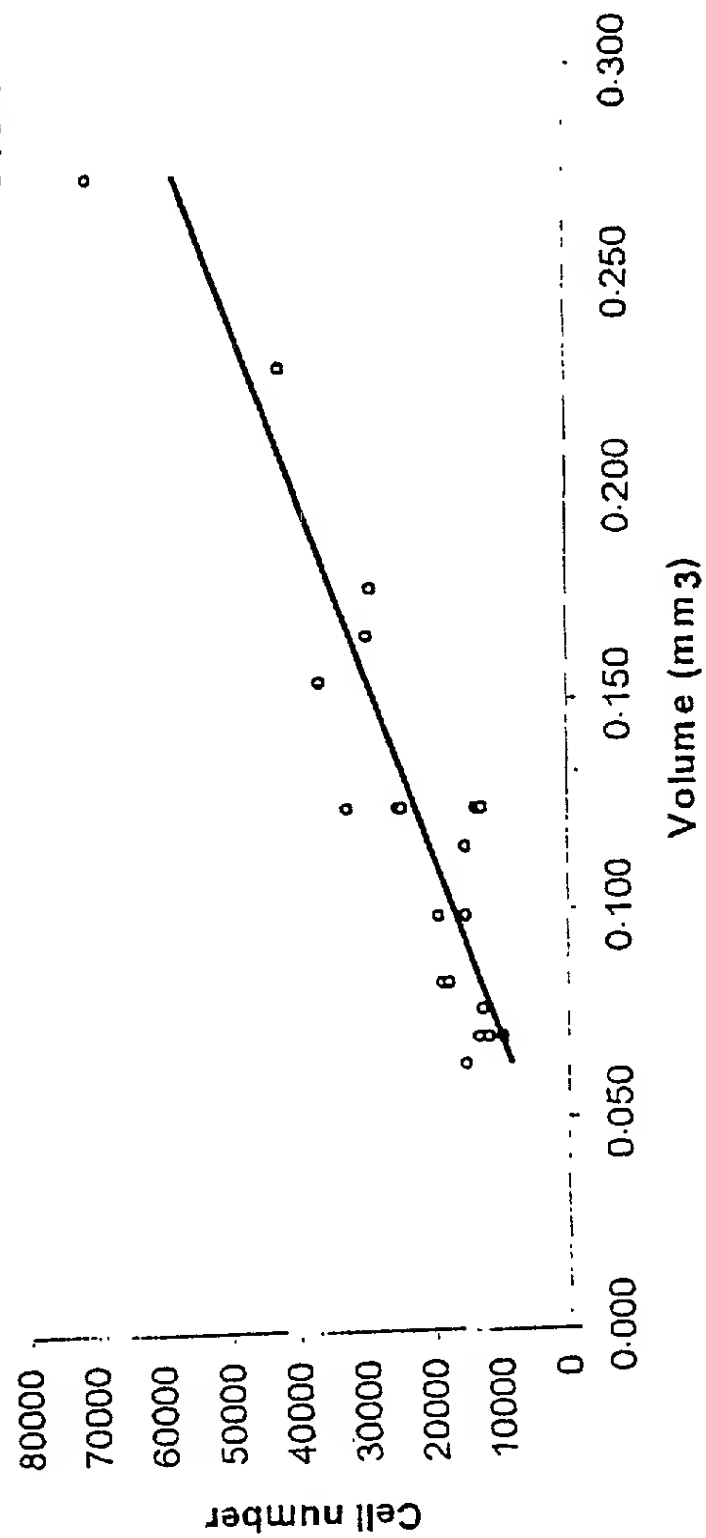


Figure 10:

# Correlation between sphere volume and cell number

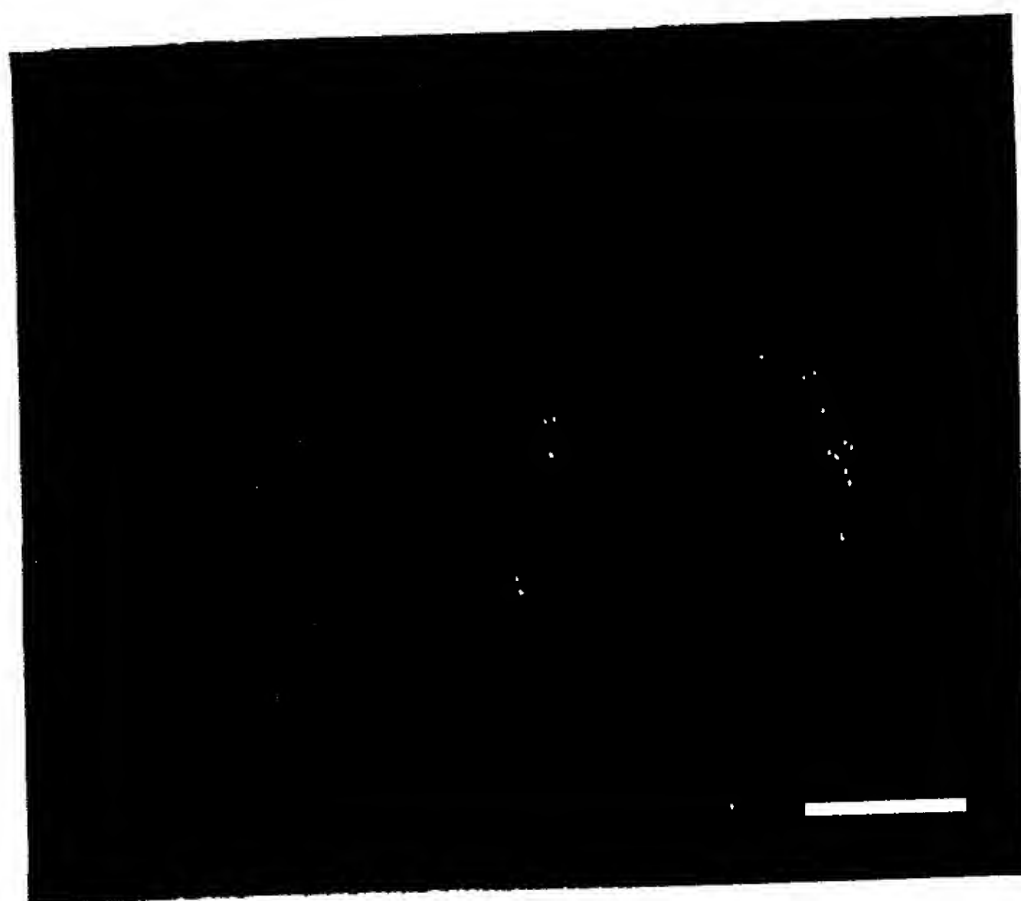
$$y = 233916x - 6524.2$$

$$R^2 = 0.7807$$



Viability: 92.7%

Figure 11:



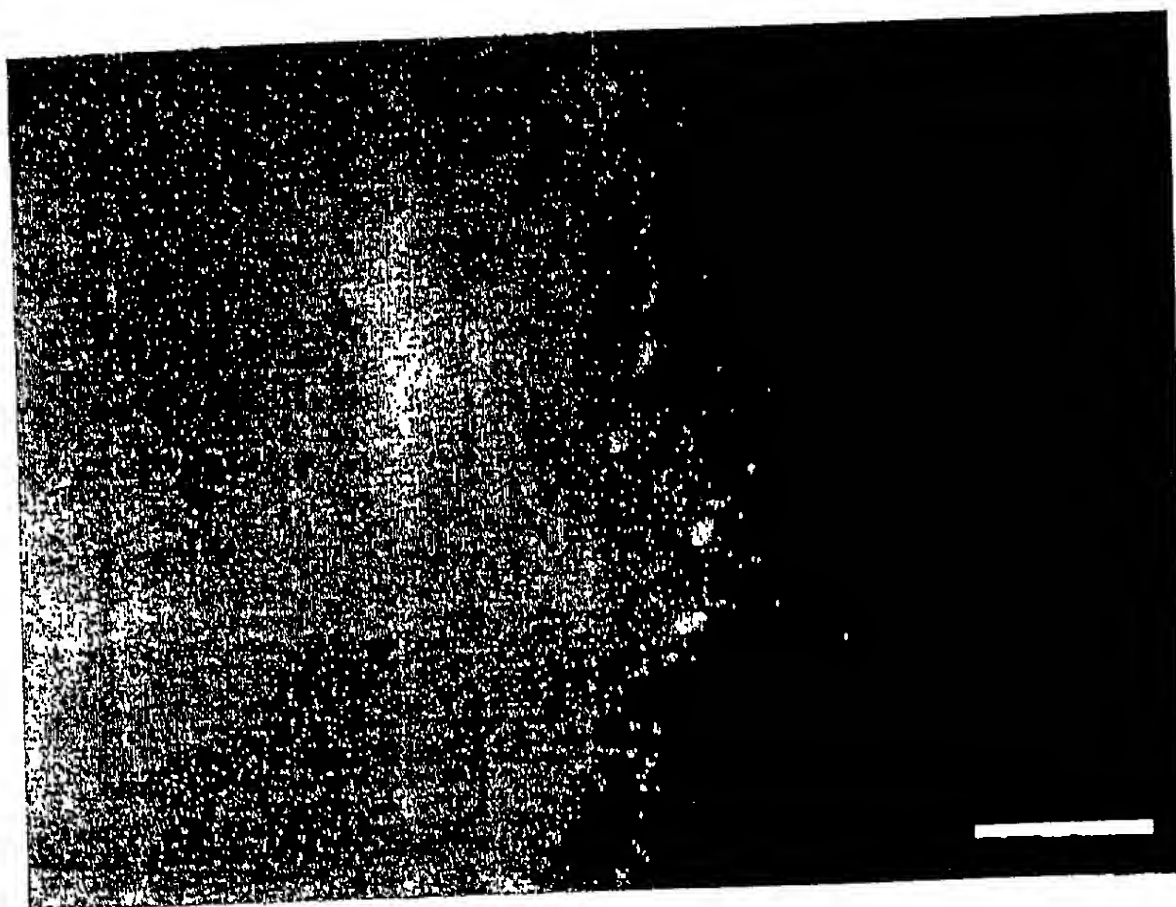
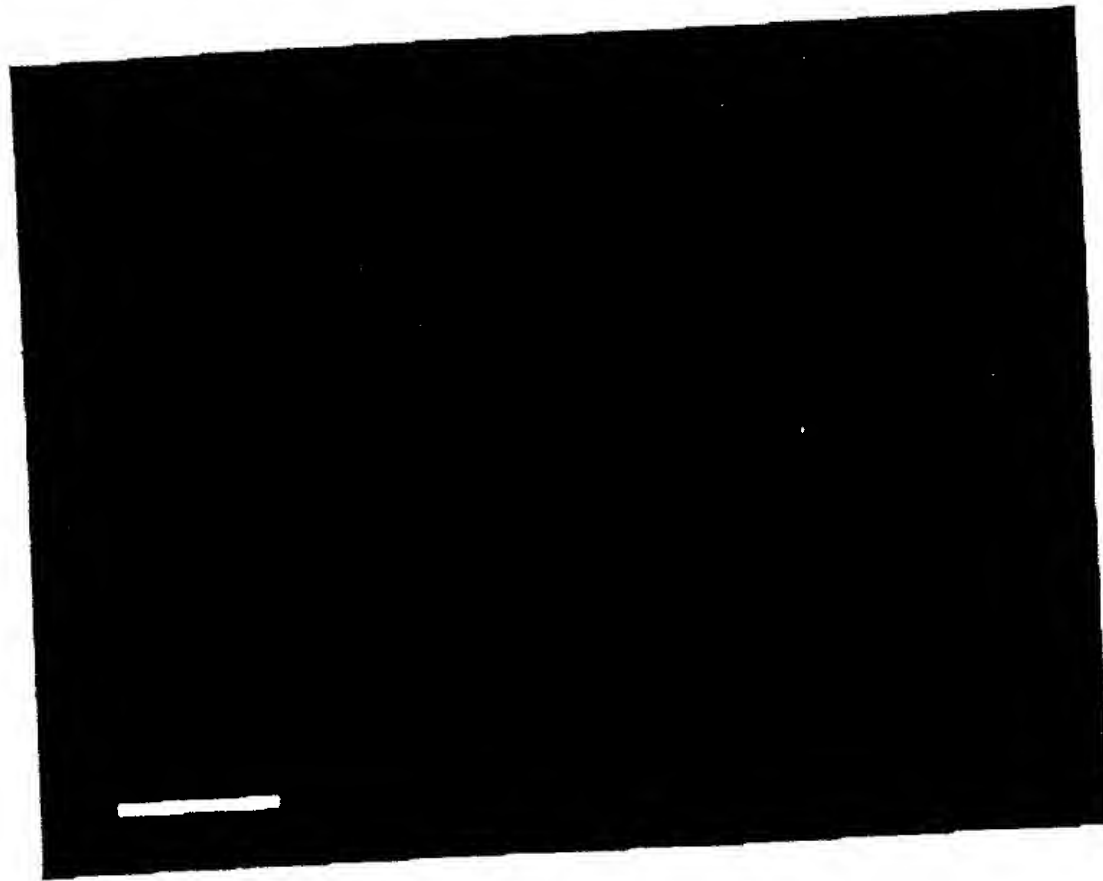


Figure 13



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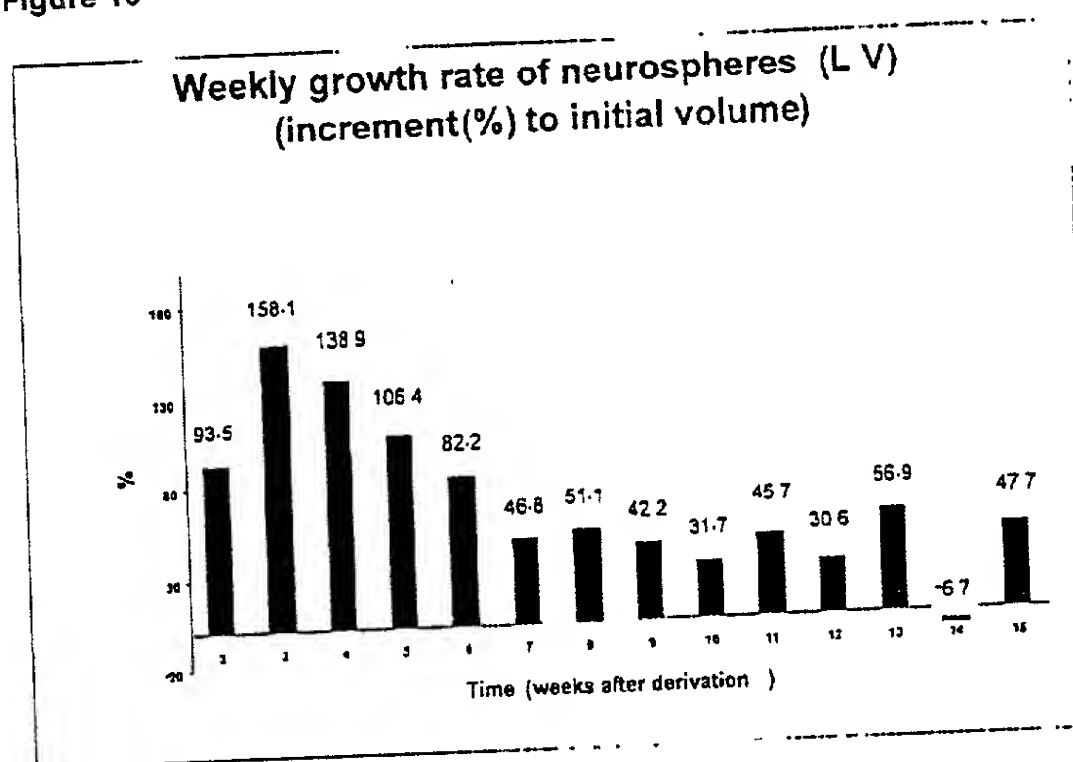
[illegible]

Figure 15:

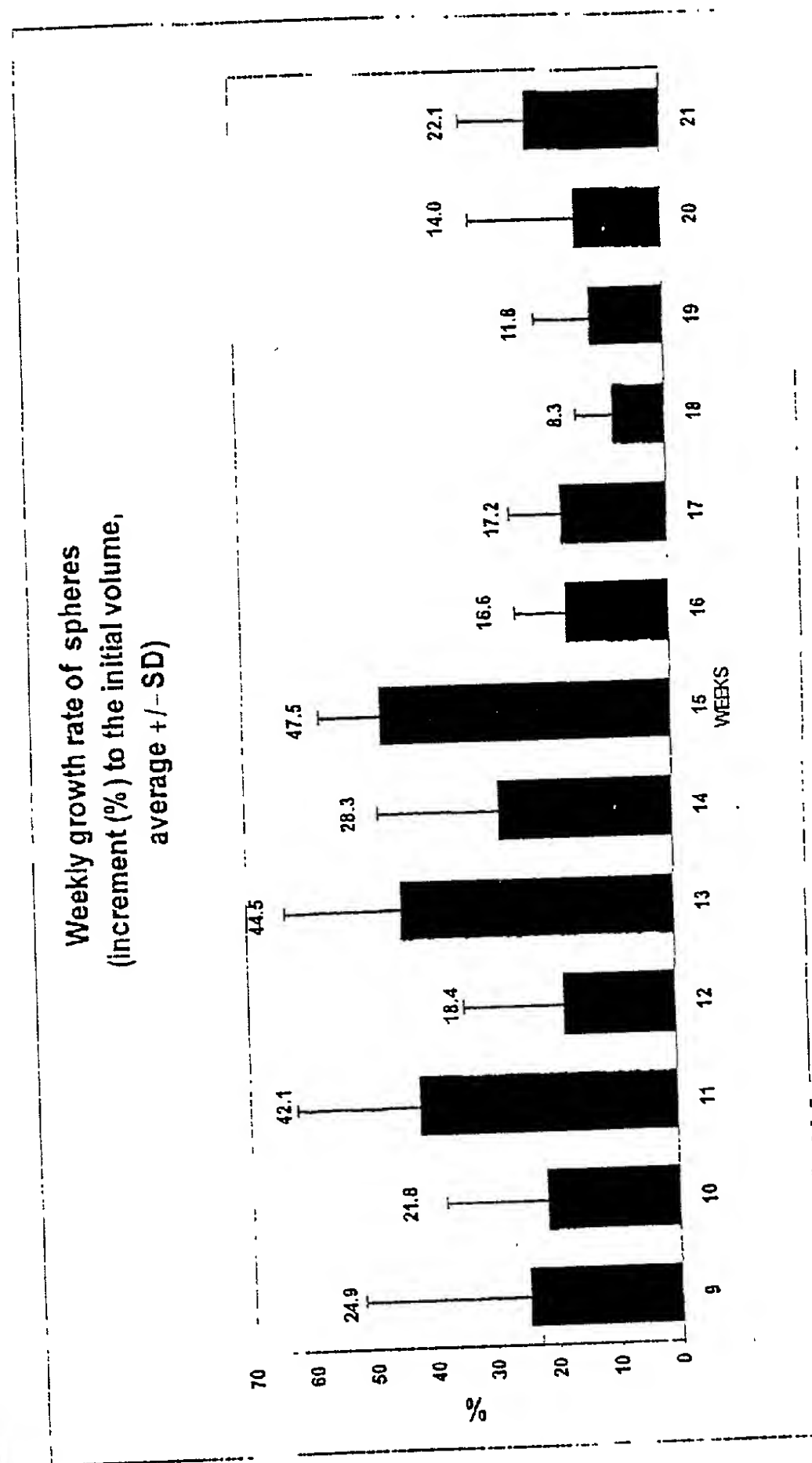


CONFIDENTIAL

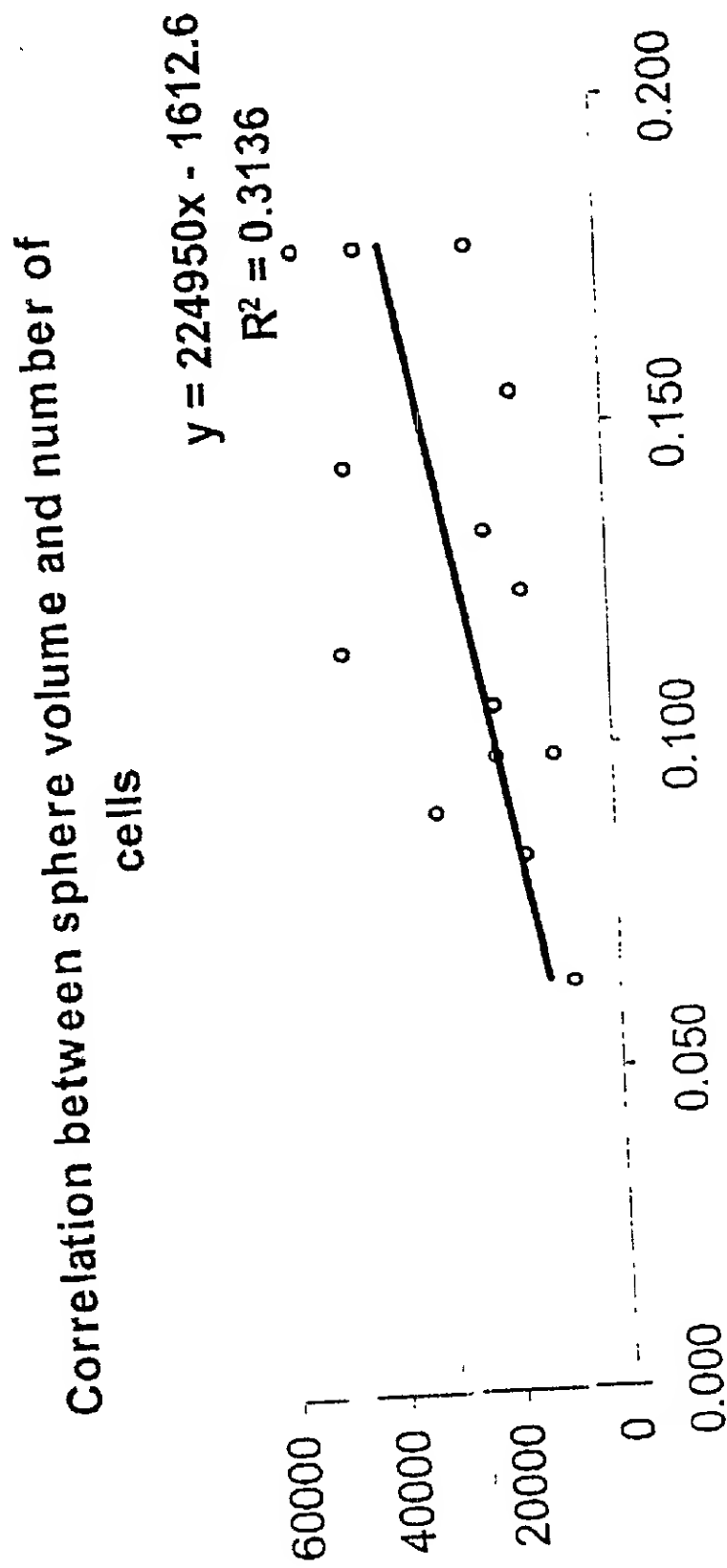
Figure 16



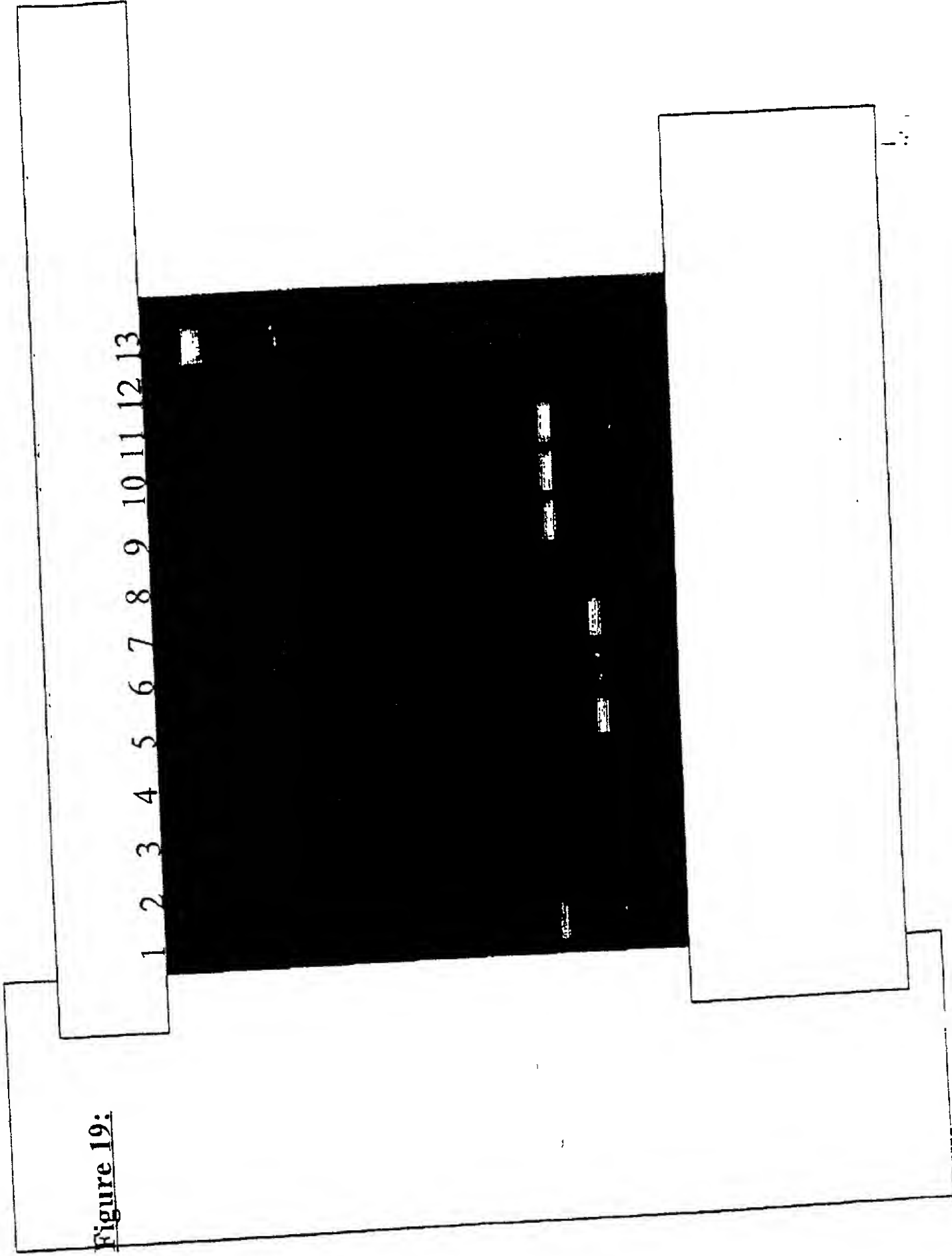




**Figure 18:**

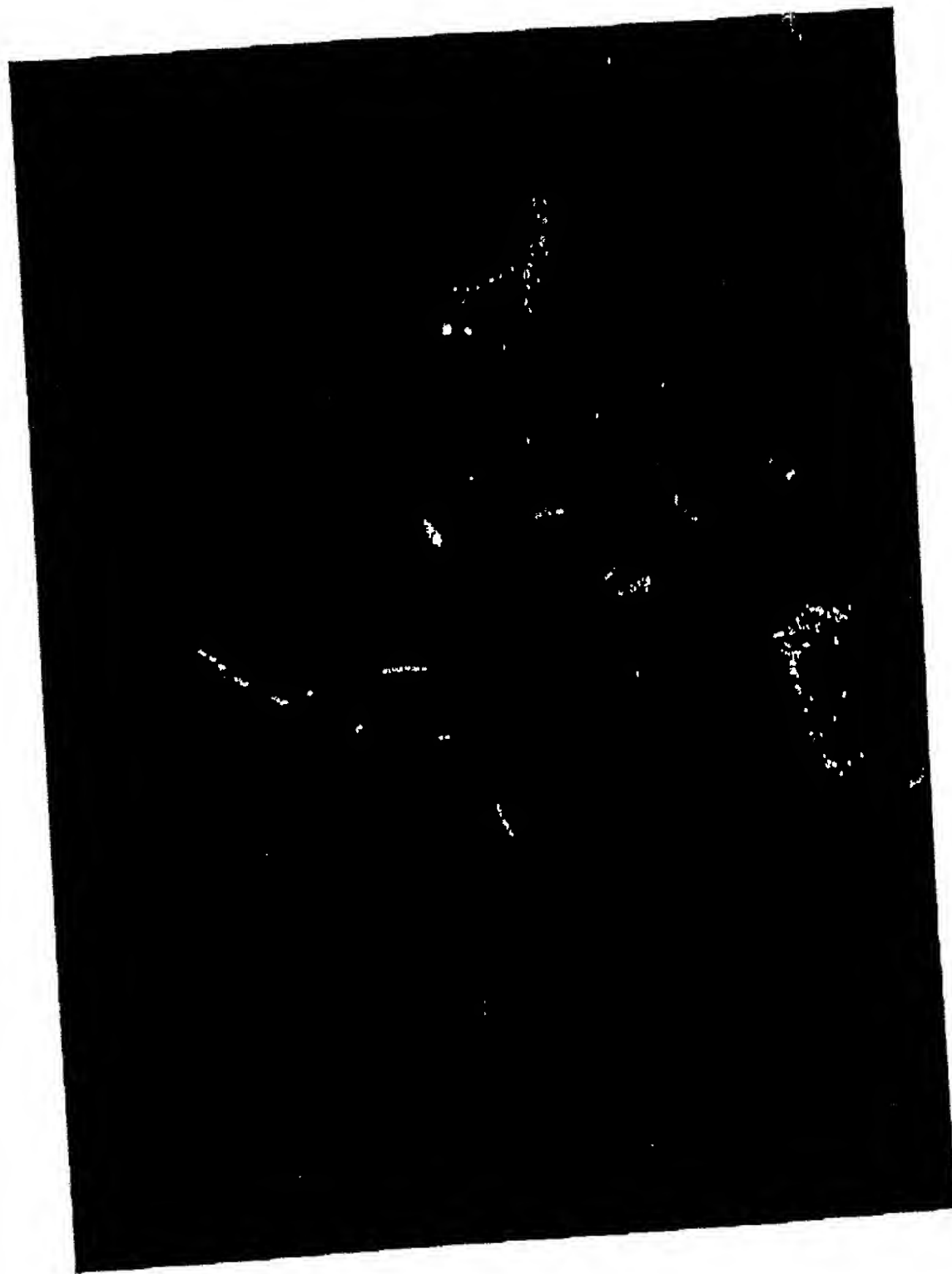


Viability: 94.1%



[illegible]

Figure 20:





[illegible]

**Figure 22:**

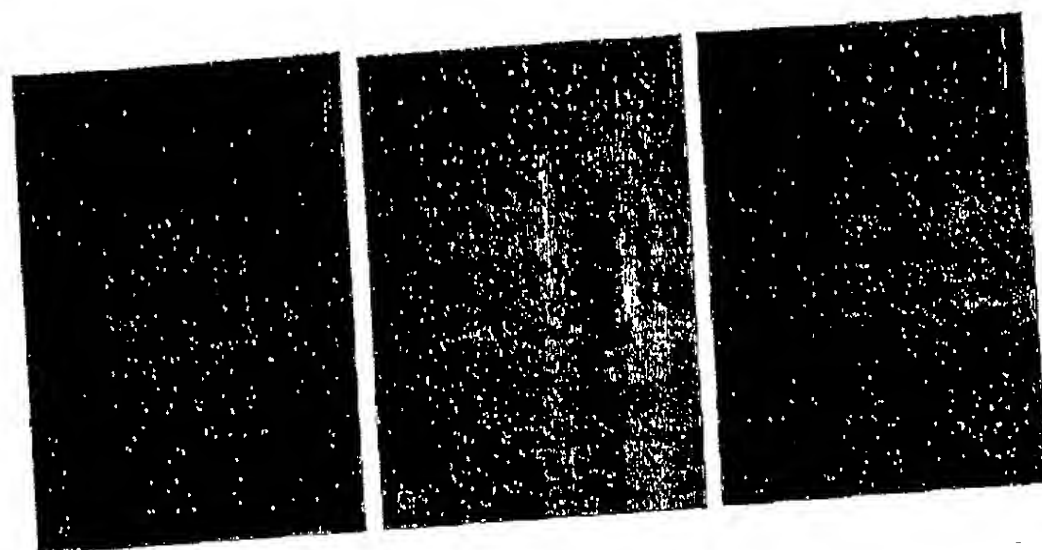
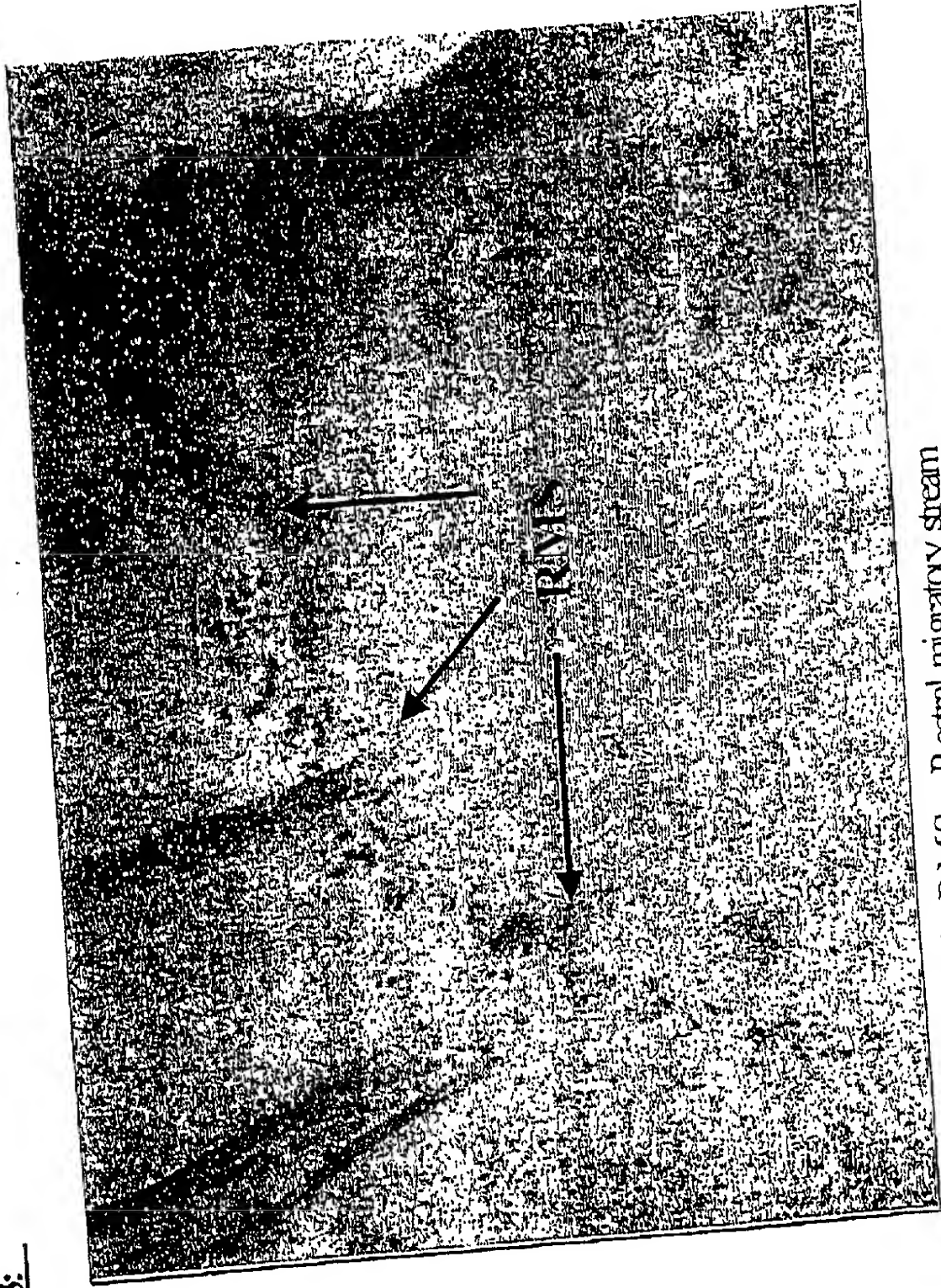


Figure 23:



V - lateral ventricle; RMS - Rostral migratory stream

**Figure 24:**

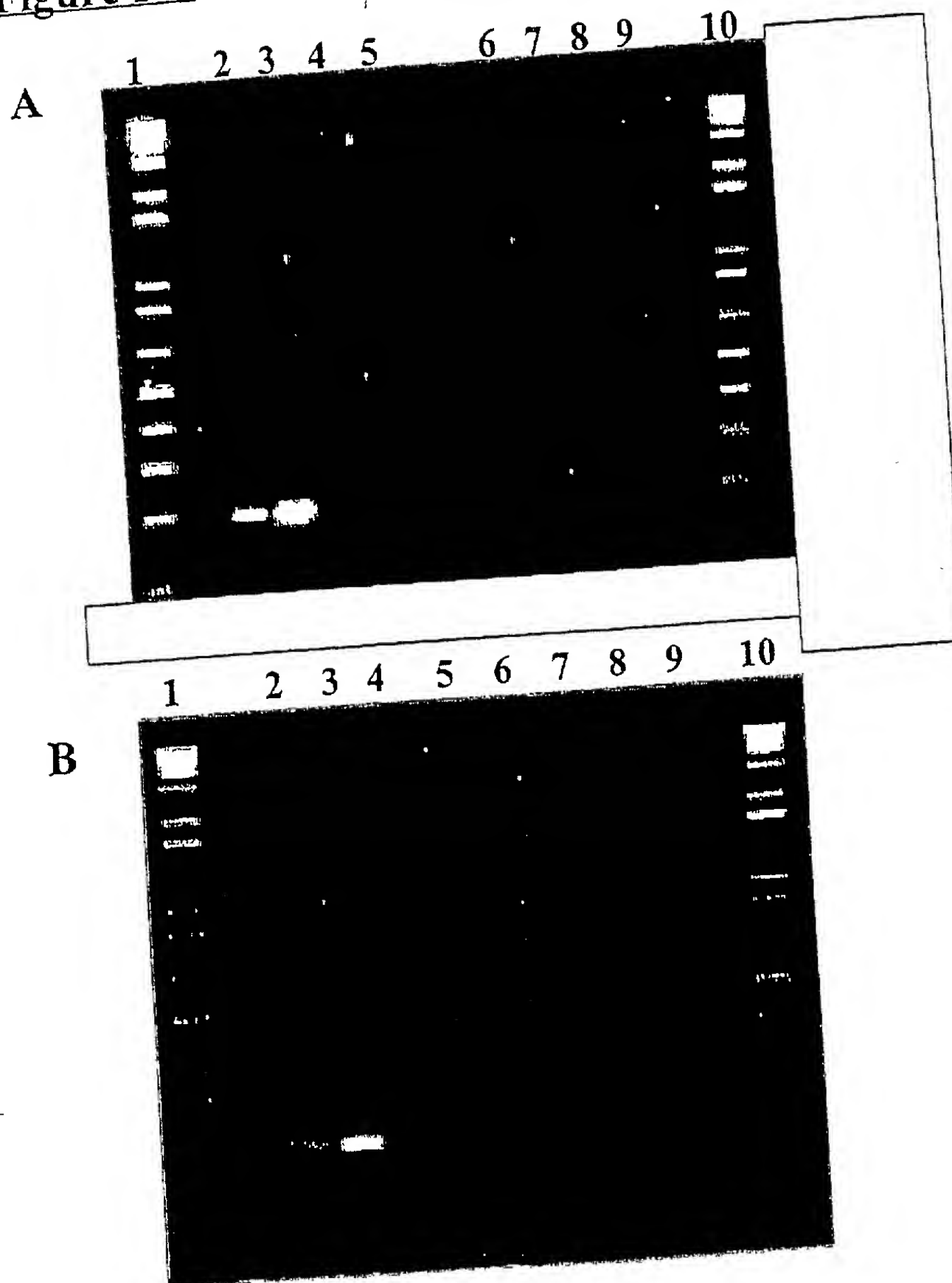




Figure 25:

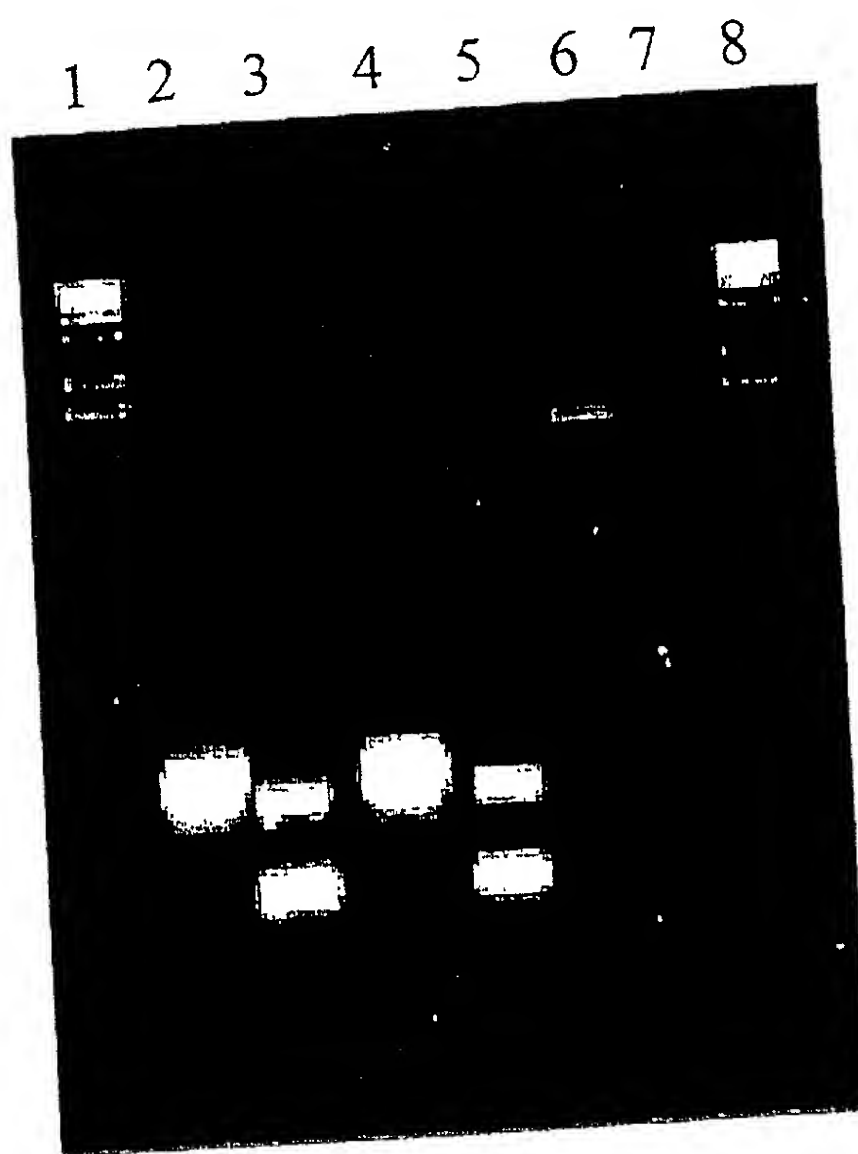
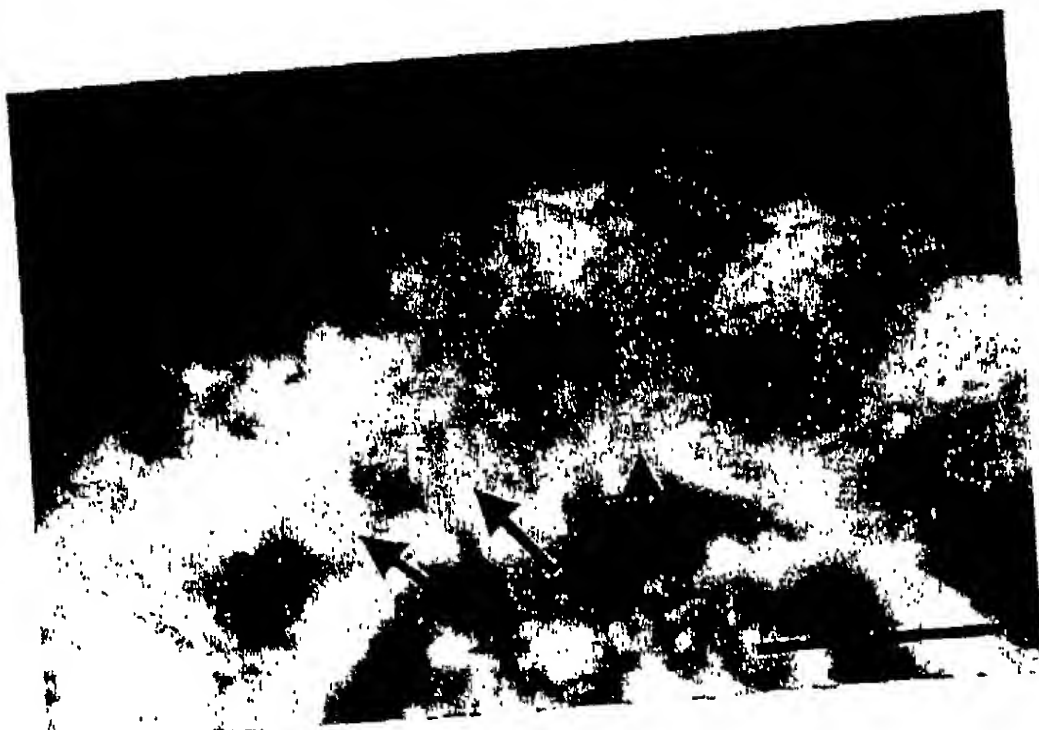


Figure 26:



09970547 100404  
F0400 24502550

Figure 27:

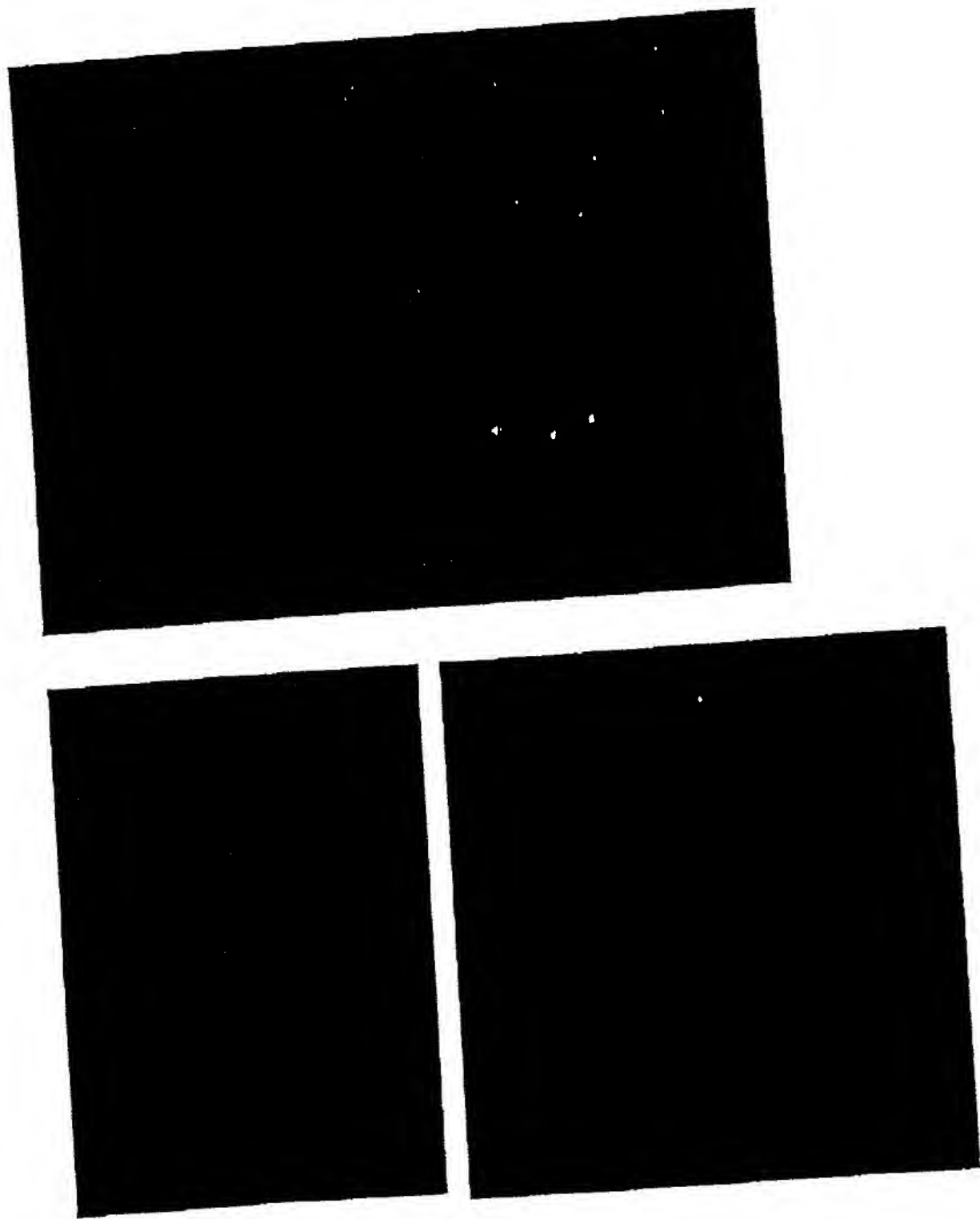


Figure 28:

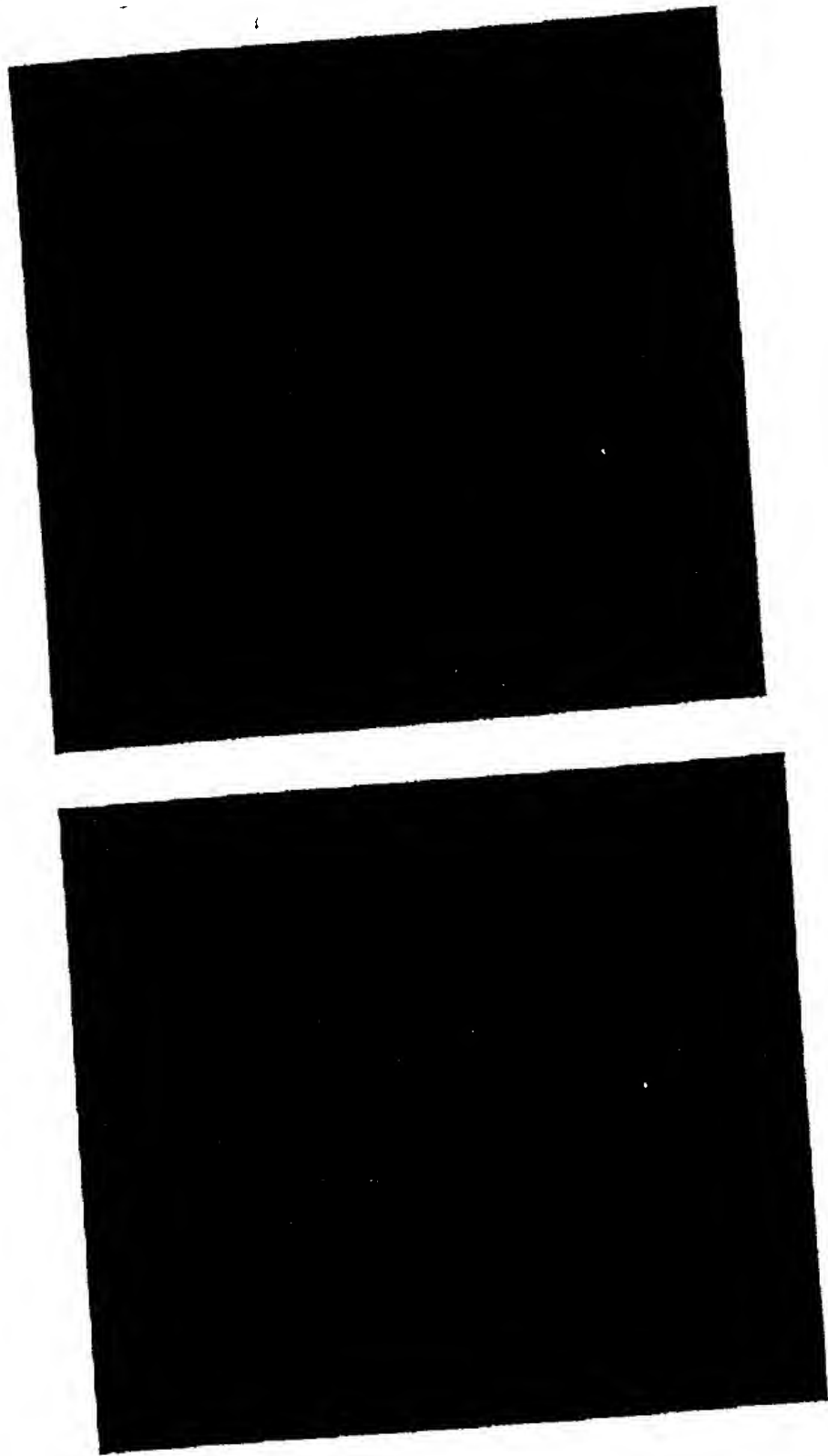


Figure 29:



Figure 30:

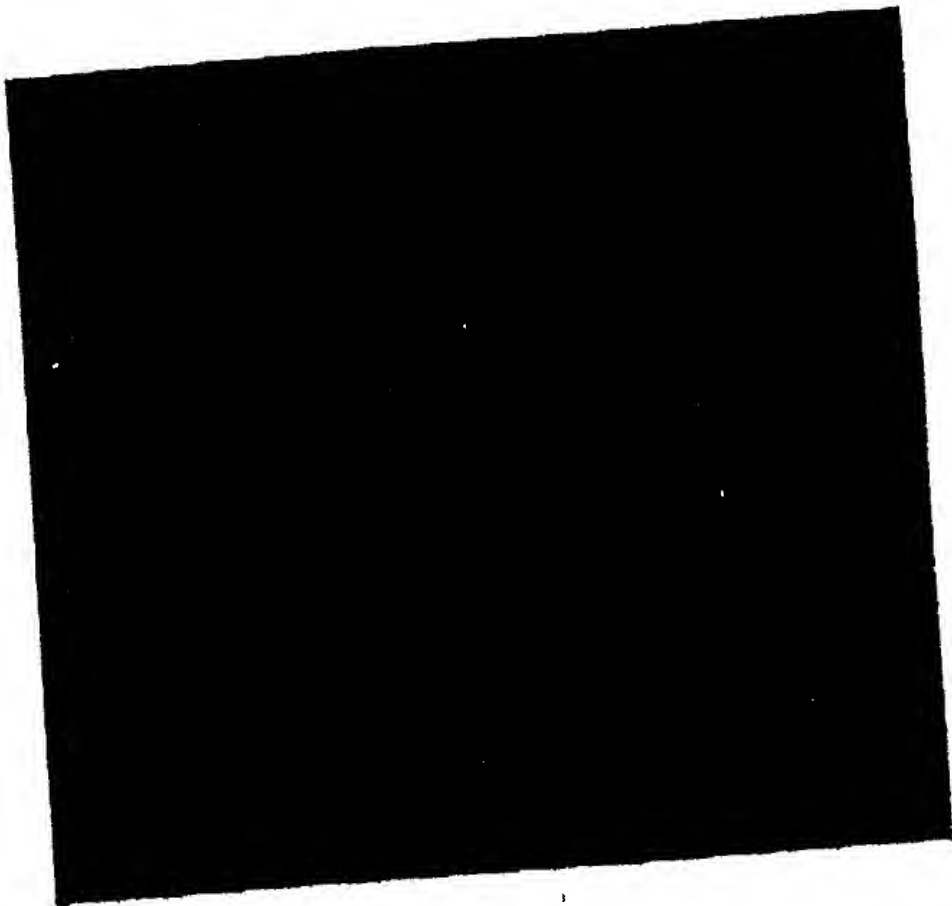


Figure 31

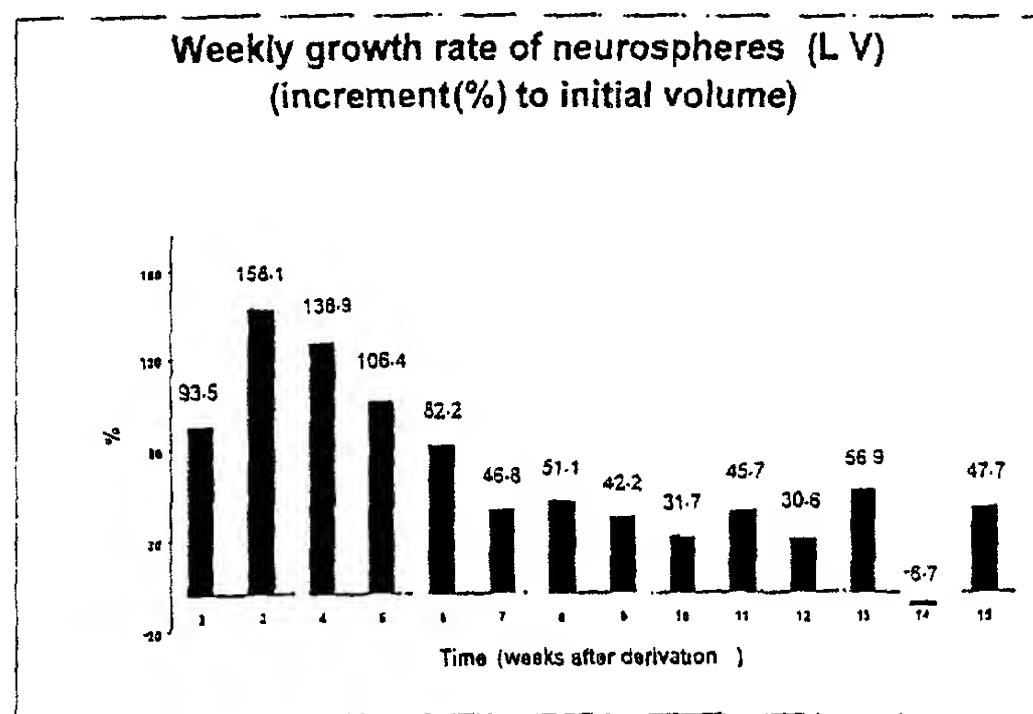


Figure 32

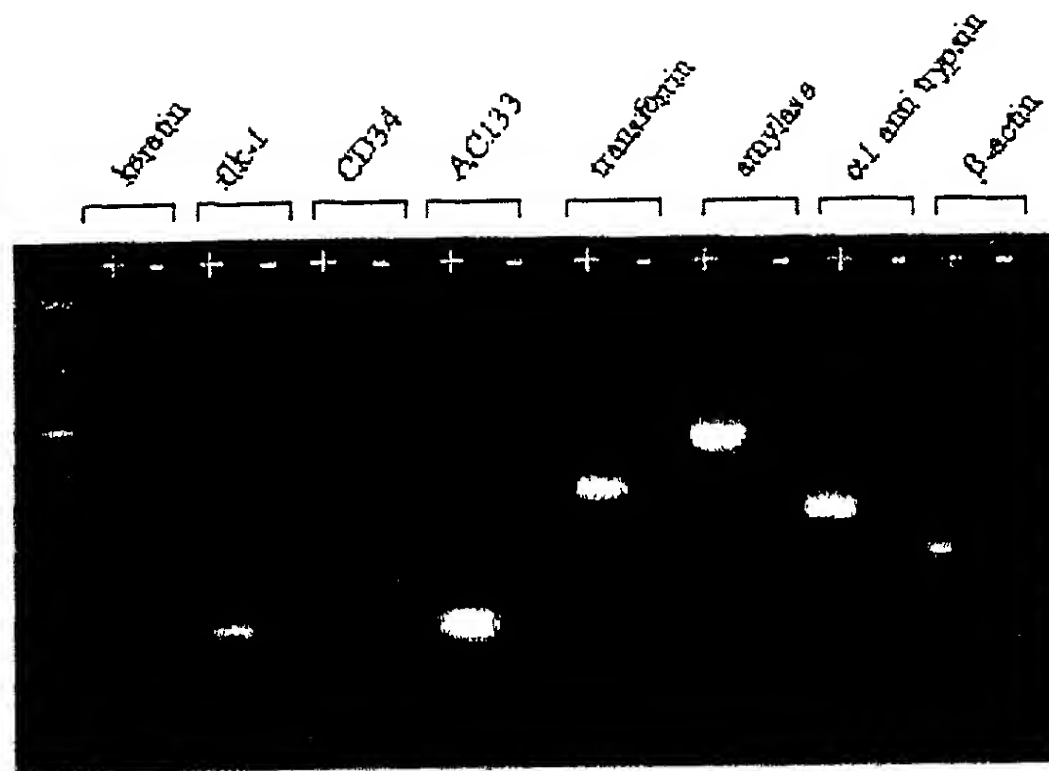




Figure 33



Figure 34

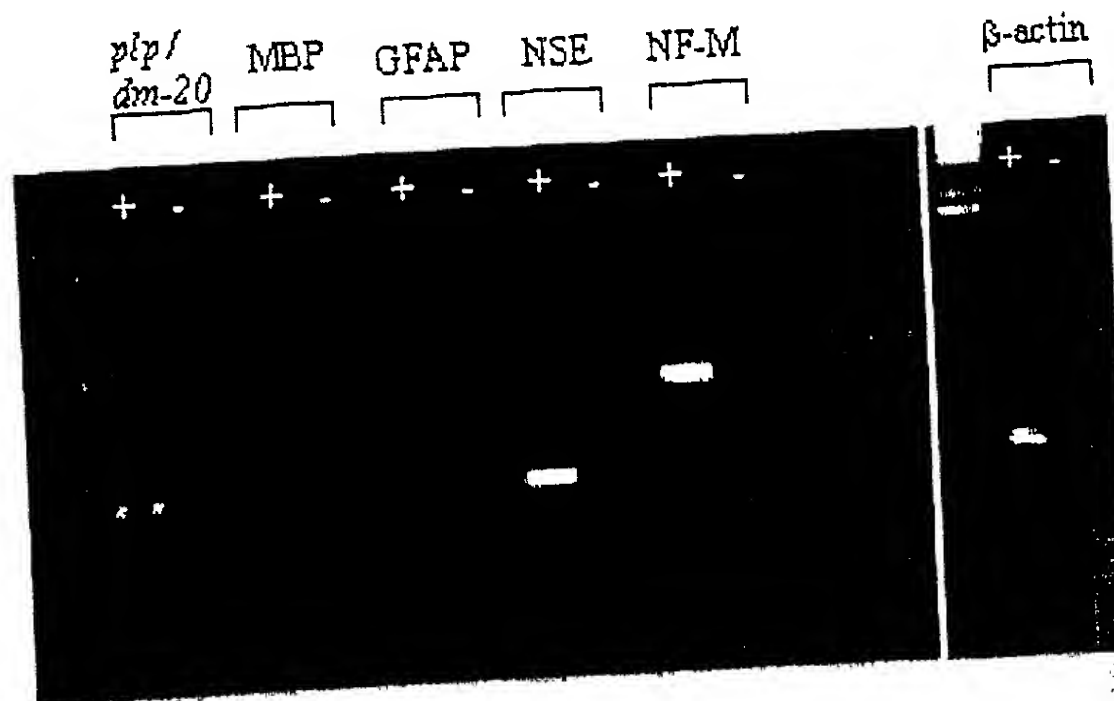
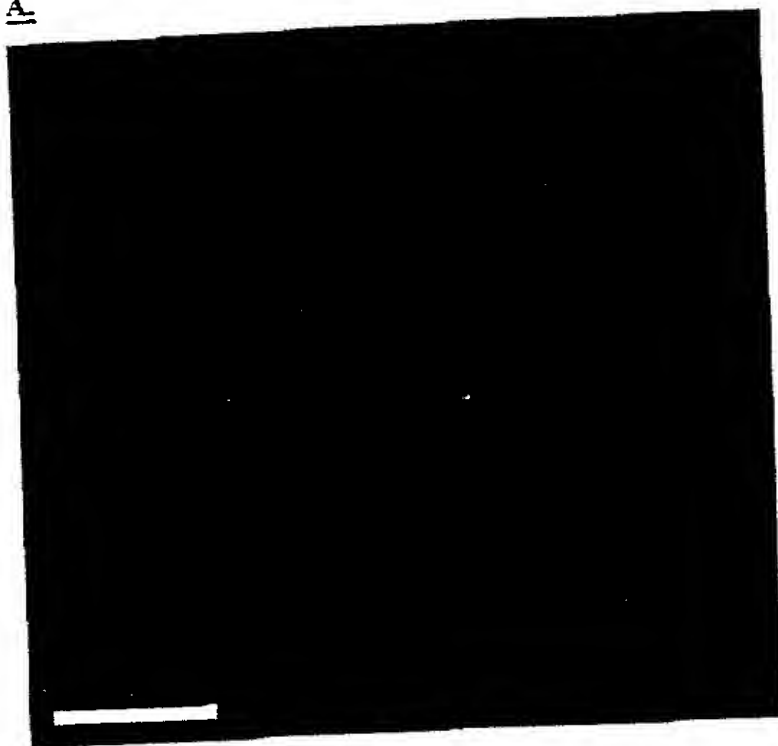


Figure 35

A.



B.

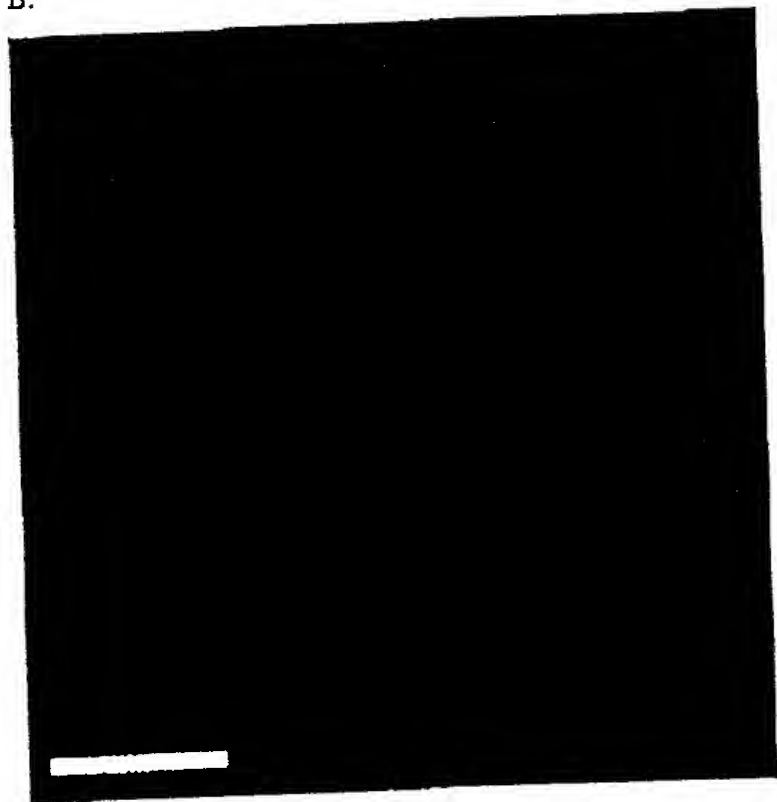


Figure 36

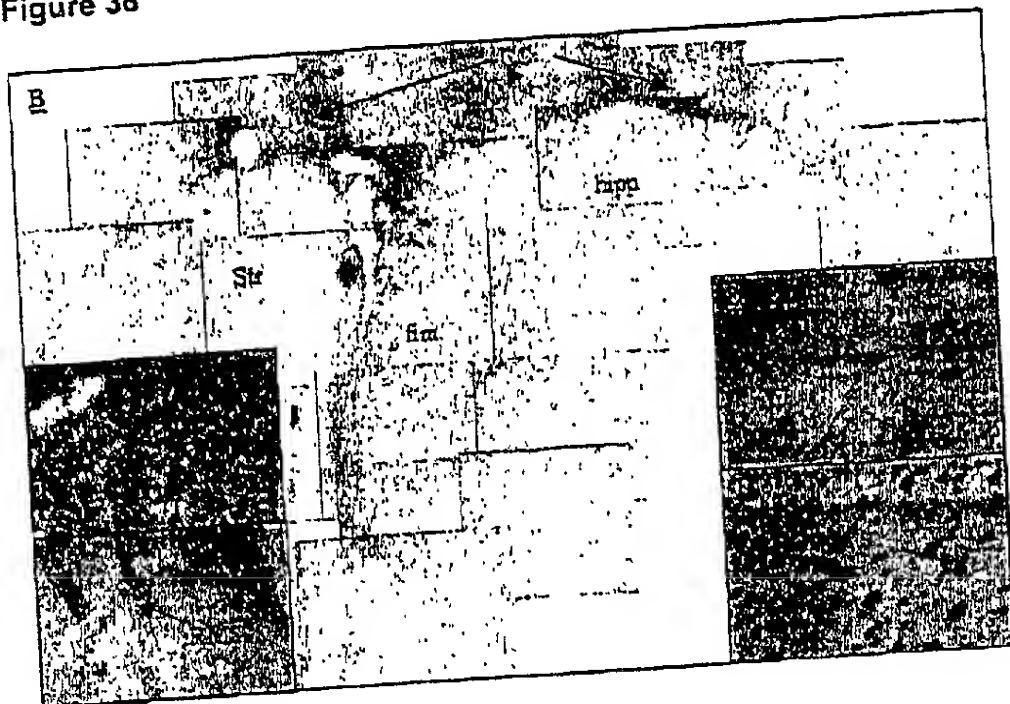


Figure 1 consists of seven panels (A-G) showing fluorescence micrographs of Drosophila ommatidia. Panels A, B, and C show control ommatidia with normal pigment distribution. Panels D, E, F, and G show ommatidia from a mutant fly, with white arrows indicating abnormal pigment localization. Scale bars are present in each panel.